# AUTHOR INDEX

Ackermann RT, 41 Adams N, 51 Ahn C, 115 Albers GW, 18 Aldous MB, 68 **ALLHAT Officers and Coordinators** for the ALLHAT Collaborative Research Group, 86 Alper BS, 56 American-Canadian Thrombosis Study Group, 6 Amir L, 35 Ammirati F, 121 Anand SS, 8 Antonson DL, 24 Armstrong PW, 4, 70 Ashton L, 10 Asplund K, 45 Astin JA, 107 Atkins D, 106 Atkinson RP, 91 ATLANTIS Study Investigators, 18 ATLAS Study Group, 4 ATTRACT Study Group, 16 Awasthi S, 24

Badgett R, 27, 105 Baime MJ, 107 Bantje Th A, 101 Barnett HJ, 71 Barry MJ, 29 Basinski A, 67 Bass EB, 60 Bastian L, 34 Beach SR, 37 Beale RJ, 9 Becker DM, 32 Beghe C, 85 Beilby J, 103 Belknap SM, 44 Benesch CG, 19 Beyth RJ, 8, 117 Bihari DJ, 9 Bilous RW, 111 Black DM, 14 Bloch R, 21 Boissel JP, 88 Borgaonkar MR, 95 Boyle M, 110 Bradley C, 97 Brand R, 119 Brant RF, 6 Breedveld F, 16 Brennan PJ, 96 Bronsky EA, 3 Bryg DJ, 9 Bull SB, 42

Calam J, 11 Califf RM, 120

Burschtin O, 1

Burr ML, 52

Campbell IA, 52 Canadian Trial of Atrial Fibrillation Investigators, 88 Canadian Trial of Physiologic Pacing Investigators, 89 Capes SE, 116 CAPITAL Study Investigators, 72 Carbajal R, 25 CARE Group, A-11-12 (No. 2) Chaisson RE, 94 Chambers BR, 48 Charlesworth G, 37 Chastre I, 93 Chauvet X, 25 Cheah G, 7 Cheng EY, 50 Chessman A, 72 Chippendale T, 91 CIDS Investigators, 43 Clark WM, 18 Colford JM Jr, 97 Colivicchi F, 121 Connolly SJ, 43, 89 Cornelissen PJ, 101 Couderc S, 25 Crebolder HF, 59 Crilly M, A-15 (No. 2) Cripps AW, 2 Croft P, 26 Cunningham C, 110

D'Amico D, 105 Damoiseaux RA, 62 Dans AL, A-11-12 (No. 1) Dans LF, A-11-12 (No. 1) Datta M. 23 Dawes M, A-15 (No. 1) de Bie RA, 27 de Melker RA, 62 de Vet HC, 27 De Weerdt W. 108 de Witte LP, 59 Dekker JH, 112 Del Mar CB, 62 Delaney B, 63 Delucchi KL, 109 Denman AM, 16 Deyle GD, 57 Dibley MJ, 23 Diederiks IP, 59 Dixon AS, 26 Dolovich LR, 7 Donnan GA, 48 Dorian P, 88 Douketis JD, 7 Dubé C, 63 Dudley RA, 119 Duggan AE, 36 Dunbabin DW, 45 **Dutch Renal Artery Stenosis Intervention** Cooperative Study Group, 92 Dutch Tiotropium Study Group, 101

Eakin EG, 104
Edelman JM, 3
Eisenstein EL, 120
Eland ME, 101
Eliasziw M, 71
ELITE II Investigators, 87
Elliott C, 36
Engels EA, 31
Entwistle VA, 28
Eriksson H, 117
Ernst E, 13, 107
Estrada CA, 113
Exercise Study Group, 3

Fagerberg B, 46 Fagon J-Y, 93 Fairbairn I, 100 Fardy JM, 95 Farkouh ME, 70 Farrell S, 66 Feagan B, 95 Felson DT, 58 FitzGerald JM, 51 Fleming MF, 75 Fonseca V, 111 Foxwell AR, 2 Fracture Intervention Trial Research Group, 14 Franse LV, 112 Frediani F, 105 French MT, 75 Furlan A, 19

Garcia-Aranda JA, 64 Gasowski J, 41 Geerts WH, 66 Genant HK, 15 Gent M, 43, 89 Gerstein HC, 116 Gibson N, 60 Ginsberg JS, 7 Glasgow RE, 104 Glasziou P, A-11-12 (No. 3) Goel M, 65 Goldstein S, 46 Gomis R, 49 Gordin F, 94 Gøtzsche PC, 67 Grady D, 106 Griffin S, 112 Griffiths TL, 52 Guiscafré H, 68 Gulin JP, 58 Gunton RW, 71 Gutierrez PR, 77 Guyatt GH, 85

Haddon J, 51 Hagspiel KD, 32 Halperin JL, 90 **Hankey GJ, 45**, 71 Hansen JF, 114 Hansson PO, 117 Harkness E, 107 Harper D, 113 Harrington RA, 76 Harris ST, 15 Hart RG, 90 Harvey RL, 90 Havranek EP, 87 Hav EM, 26 Hayes T, 66 Hay-Smith J, 108 Heart and Estrogen/progestin Replacement Study Research Group, 106 Heart Outcomes Prevention Evaluation Study Investigators, 47

Heine RI, 112 Helewa A, 57 Henderson NE. 57 Herrington D, 106 Hess EV, 22 Heyland DK, 9 Higashida R, 19 Hilden I, 114 Hiller KO, 12 Hialmarson A, 46 Hla A, 114 Hlatky MA, 120 Hoes AW, 62 Hoffman RM, 47 Holbrook AM, 7 Holloway RG, 19 Honig PK, 3 Horn I, 20 Hosie G, 26 Hui G, A-16 (No. 3) Hulka BS, 118 Hull RD, 6

Jackson JL, 11, 53 Jadad AR, 110 Janowsky EC, 118 Jarvis G, 30 Johansen KL, 119 John G, 99 Johnell O, 14 Jones A, 52 Jones NP, 49 Jones PW, 102

Hunt D, 17, 116

Kataria S, 69 Katz J, 60 Kaul P, 70 Keenan SP, 50, 93 Kerr CR, 89 Kim M, 110 King PD, 55 King S, 99 Kinmonth AL, 74 Kitchener HC, 30 Kohnen R, 12 Korducki L, 101 Krijnen P, 92 Kupper LL, 118 Kvarnström J, 103

Lacasse Y, 102 Lan AI, 97 Lancaster T, 56 Langhorne P, 20 Laroche C, 100 Larsen CT, 114 Lau CY, 72 Lau J. 31 LaValley MP. 58 Law F, 109 Lawrie SM, 13 Leone M, 105 Levi D. 55 Lewis M. 26 Lewis PR, 56 Lilford R, 30 Limburg M, 20 Lincoff AM, 76 Liu H, 77 Liu Z, 23 Locke KA, A-15 (No. 3) Logan RF, 36 Lonn E, 4

Macdonald IB, 100 MacIntosh DG, 95 Maini R. 16 Malmberg K, 116 Manola J, 29 Margo G, 110 Mark DB, 76 Marrie TJ, 2, 72 Martínez H, 68 Martin-Hirsch P, 30 Mason I, 17 Masson C, 109 Masters PA, 59 Matchar DB, 34 Matekel RL, 57 Mathur SK, 65 Matts JP, 94 Mbori-Ngacha D, 99 McAlindon TE, 58

Luxenberg IS, 77

McAlister FA, A-11-12 (No. 2) McBride R, 90 McCrory DC, 34 McGinn T, 121 McIntosh A, 17 McMillan DD, 25 Mehra MR, 46 Meisner JS, 114 Melnikow J, 30, 34 MERIT-HF Study Group, 46 Messing EM, 29

Millard PS, 94

Miller RG, 54 Milligan P, 98 Mills CS, 119 Milstein A, 119 Mimouni M, 35 Minde K, 61 Mitchell ID, 54 Moher D, 63 Molloy DW, 85 Moody KA, 94 Moore DH, 54 Morales-Ramirez J, 22 Morton S. 21 Moss H, 100 Moyer VA, 115 Mullins MD, 32 Mulrow CD, 10, 41 Mundt MP, 75 Muñoz AE, 55 Muñoz O, 68

Nduati R, 99 Nelemans PJ, 27 Nevitt MC, 14 Newby LK, 120 Nielsen OW, 114 Niemelä M, 44 Novak F, 9 Nuovo J, 30, 34 Nurko S, 64

OESIL Study Investigators, 121 Ohl CA, 113 O'Keeffe C, 17 Olivier-Martin M, 25 Olsen O, 67 O'Malley PG, 11, 53 Ornstein MP, 42 Ostermann ME, 50 Otten N, 63

Packer M, 4 Pahor M, 86 Palafox M, 68 Paramothayan NS, 102 Patel SC, 113 Patel SR, 113 Paterson SM, 26 Patwardhan R, 49, 111 Pelosi AJ, 10 Perlman M, 115 Peters I, 1 Peterson WL, 36 Peuhkurinen K, 44 Philbrick JT, 32 Philipp M, 12 Phillips MR, 23 Pieterman H, 92 Pinder M, 98 Pitt B. 87 Pittler MH, 13

Podestá A, 55

Polashenski WA, A-11-12 (No. 3)

Poole-Wilson PA, 4, 87

Poussa T. 103

Price I, 53 Price RN, 98

PROACT Investigators, 19

Psaty BM, 86 Pugh JA, 49

Pullicino P, 91

Puntis JW, 64

Raco D, 76 Rajesh VT, 69

Ramchandani P, 61

Raskob GE, 6, 33 Rathbun SW, 33

Ray J, 42

Reginster J-Y, 58

Reiner A, 5

Rennie DJ, 119

Reyes H, 68

Richardson WS, A-11-12 (No. 3) Riley KM, 104 Roberts RS, 43

Rodrigo C, 1

Rodrigo G, 1 Roger VL, 70

Rosenberg W, A-16 (No. 1)

Rosenstock J, 111

Roy D, 88

Russo R, 85 Rutter C, 73

Sackett DL, A-11-12 (No. 2)

Salzman A, 111

Santini M, 121

Santoro J, 53

Sarkisian CA, 77

Sarosdy M, 29 Schachar R, 110

Schein OD, 60

Schmitt BP. 6

Schuger CD, 43

Schulz R, 37

Scott IT, 28

Sees KL, 109

Segal R, 87

Seiferling RA, 50

Selby R, 66

Shah SR, 65

Shaw M. 66

Shekelle P. 21

Sherman DG, 91

Sherman SE, 104

Shikare S, 65

Shragge D, 51

Shridharani K. 121

Shukla VK, 63 Sibbald WJ, 50

Silverman WB, 65

Silverton SF, 15

Simon GE, 73

Singhi S, 69 Smith DA, 116

Smith RC, 28

Sneed S. 115

Soonawalla ZF, 65

Sörbo J, 117

Sowden AJ, 28

Squatrito S, 49

St. Clair EW, 16

Staessen JA, 41

Stanbrook MB, 33

Staszewski S, 22

STAT Participants, 91

Stenius-Aarniala B, 103

Stevens L, 74

Stores G. 61

Straus SE, A-11-12 (No. 2)

Strong MJ, 54

Study 006 Team, 22

Study of Medical Testing for

Cataract Surgery, 60

Study of Osteoporotic Fractures

Research Group, 77

Sturmans F. 27

Sudbury P, 75 Sudlow CL, 45

Svanegaard J, 114

Swainson CP, 92

Symmons DPM, 118

SYMPHONY Investigators, 5

Talajic M, 88

Tashima KT, 22

Taylor PR, 48 Thompson C, 74

Thompson DE, 14

Tomkins G, 11

Trivedi M, 10

Turpin JA, 3

Tyrer P, 74

Valk GD, 112

van Balen FA, 62

van Eijk JT, 112

van Haastregt JC, 59

van Jaarsveld BC, 92

Van Kampen M, 108

van Noord IA, 101

Van Poppel H, 108

van Rossum E, 59

Vanderhoof JA, 24

VAP Trial Group, 93

Verheij TJ, 62

Vermeire E, 12

Vertebral Efficacy with Risedronate

Therapy (VERT) Study Group, 15

Vickrey BG, 21 von Dadelszen P, 42

von Seidlein L, 98

VonKorff M, 73

Wagner E, 73

Waisman Y, 35

Wan C, 23

Wang JG, 41

Watt I, 28

Watts NB, 15

Webb V, 61

Wechsler L. 19

Weiss R, 89

Wenger NK, 106

Weston SA, 70

Wheeler SL, 72

Whitney DB, 24

Whitsett TL, 33

Wiedemann HP, 101

Wiese W. 113

Wiggs L, 61

Wigton RS, 35

Willett LR, 31

Williams JW Jr, 10, 73

Wilson MC, A-11-12 (No. 3)

Wissman S, 18

Wolff M, 93

Wolffenbuttel BHR, 49 Worona LB, 64

Ylitalo A, 44

You RX, 48 Yusuf S, 8

Zerem E, 35 Zlochisty O, 64

Zucker D, 31

#### A

Abdominal pain

Review: Antidepressive agents improve symptoms and reduce pain in patients with functional gastrointestinal disorders, 11

Accident prevention

Review: Evidence is unclear that preventive home visits for elderly persons in the community improve mortality or health outcomes, 59

Acetates

Oral montelukast was better than inhaled salmeterol for reducing exercise-induced bronchoconstriction in adults with asthma, 3 Activities of daily living

A clinical prediction tool that includes modifiable risk factors predicted functional decline in elderly women, 77

Acyclovir

Review: Early treatment of acute herpes zoster may prevent or shorten the duration of postherpetic neuralgia, 56

Administration, oral

Oral amiodarone was effective and safe for recent-onset atrial fibrillation, 44

Adrenal cortex hormones

Review: Oral but not inhaled corticosteroids improve radiographic outcomes in patients with pulmonary sarcoidosis, 102

Adrenergic \( \beta\)-agonists

Review: Ipratropium bromide with β-agonists improves pulmonary function and reduces hospitalizations in acute asthma, 1

Adrenergic B-antagonists

Controlled- and extended-release metoprolol reduced death, hospital admissions, and symptoms in chronic heart failure, 46 Advance directives

An advance directive program in nursing homes reduced health services utilization without affecting patient satisfaction, 85

Aged

A clinical prediction tool that includes modifiable risk factors predicted functional decline in elderly women, 77

Losartan did not improve survival more than did captopril but was better tolerated in symptomatic heart failure, 87

Review: Evidence is unclear that preventive home visits for elderly persons in the community improve mortality or health outcomes, 59

Review: Isolated systolic hypertension increases mortality and morbidity in elderly persons and should be treated, 41

AIDS-related opportunistic infections

Rifampin and pyrazinamide for 2 months prevented TB in patients with HIV infection who had a positive tuberculin test result, 94

Albuterol

Oral montelukast was better than inhaled salmeterol for reducing exercise-induced bronchoconstriction in adults with asthma, 3

Brief physician advice to problem drinkers reduced alcohol intake and societal costs, 75

Alendronate

Alendronate reduced days of bed rest and limited activity in postmenopausal women with osteoporosis and existing fractures, 14 Algorithms

A new arrival: evidence about differential diagnosis (Editorial), A-11-12 (No. 3)

A simple algorithm improved diagnostic performance for patients presenting with syncope, 121

Alternative medicine

Review: "Distant healing" is often effective for improving patient outcomes, 107

Ambulatory care

An outpatient multidisciplinary pulmonary rehabilitation program was effective in disabling chronic lung disease, 52

Amiodarone

The implantable cardioverter defibrillator did not reduce mortality in ventricular arrhythmia, 43

Low-dose amiodarone was better than sotalol or propafenone for preventing first recurrence of atrial fibrillation, 88

Oral amiodarone was effective and safe for recent-onset atrial fibrillation, 44

Amoxicillin

Amoxicillin resolved otitis media symptoms in young children better than did placebo at day 4 but not at day 11, 62

Review: Twice-daily dosing of penicillin V is as effective as more frequent dosing for streptococcal tonsillopharyngitis, 97 Amyotrophic lateral sclerosis

Review: Riluzole increases 12-month survival in amyotrophic lateral sclerosis, 54

Analgesics

Pacifiers have greater analgesic effect than sweet solutions during venipuncture in full-term newborns, 25

Ancrod

More patients with acute ischemic stroke who received ancrod had good functional status at 3 months, 91

Angina, unstable

Eptifibatide was cost-effective in patients with unstable angina or non-Q-wave myocardial infarction, 76

Sibrafiban was more toxic than aspirin for prevention of cardiovascular events after acute coronary syndromes, 5

Women with unstable angina received fewer cardiac procedures than did men but were less likely to develop other cardiac events, 70 Angioplasty, balloon

Angioplasty was no better than medication for reducing blood pressure or slowing disease progression in renal artery stenosis, 92 Angiotensin II

Losartan did not improve survival more than did captopril but was better tolerated in symptomatic heart failure, 87

Angiotensin-converting enzyme inhibitors

High-dose lisinopril was more effective than low-dose for reducing combined mortality and cardiovascular events in CHF, 4

Anoxia

A respiratory rate of ≥ 60 breaths per minute had high sensitivity for detecting hypoxia in infants, 69

Anti-arrhythmia agents

Oral amiodarone was effective and safe for recent-onset atrial fibrillation, 44

Antibiotics

Lactobacillus GG reduced diarrhea incidence in children treated with antibiotics, 24

Review: Antimicrobial prophylaxis reduces asymptomatic bacteriuria in patients with neurogenic bladder, 21

Anticoagulants

The recurrence rate of venous thromboembolism after a first or second episode of deep venous thrombosis was high, 117

Review: High- and moderate-dose oral anticoagulants reduce events in CAD but increase major bleeding and are no more effective than aspirin, 8 Antidepressants

Review: Antidepressive agents improve symptoms and reduce pain in patients with functional gastrointestinal disorders, 11

Review: Antidepressants are effective for clinical improvement in unexplained physical symptoms and syndromes, 53

Review: Newer and older antidepressants have similar efficacy and total discontinuation rates but different side effects, 10

Antihypertensive agents

Angioplasty was no better than medication for reducing blood pressure or slowing disease progression in renal artery stenosis, 92

Doxazosin was associated with more stroke and cardiovascular disease events than chlorthalidone in high-risk hypertension, 86

Review: Isolated systolic hypertension increases mortality and morbidity in elderly persons and should be treated, 41

Review: Treatment-induced blood pressure reductions in pregnancy may be associated with decreased fetal growth, 42

Anti-inflammatory agents, nonsteroidal

Ketoprofen given twice daily and interferon-α 2b increased and maintained response in chronic HCV-related liver disease, 55 Antitubercular agents

Review: Antimycobacterial therapy does not increase the rate of maintenance of remission in Crohn disease, 95

Rifampin and pyrazinamide for 2 months prevented TB in patients with HIV infection who had a positive tuberculin test result, 94 Anxiety disorders

Review: Kava extract reduces symptoms in adults with anxiety, 13

Adding 3-dose artesunate to pyrimethamine-sulfadoxine reduced treatment failure in children with acute uncomplicated malaria, 98 Arthritis, rheumatoid

Infliximab at different doses was effective for rheumatoid arthritis after unsuccessful methotrexate treatment, 16

Aspirin

Review: Aspirin lowers the risk for MI but not for stroke in persons who do not have established vascular disease, 90

Review: High- and moderate-dose oral anticoagulants reduce events in CAD but increase major bleeding and are no more effective than aspirin, 8

Review: Thienopyridines are more effective than aspirin for preventing vascular events in high-risk patients, 45

Sibrafiban was more toxic than aspirin for prevention of cardiovascular events after acute coronary syndromes, 5

Asthma

Inhaled budesonide and prednisone led to similar rates of asthma relapse after emergency department discharge, 51

Oral montelukast was better than inhaled salmeterol for reducing exercise-induced bronchoconstriction in adults with asthma, 3

Review: Ipratropium bromide with β-agonists improves pulmonary function and reduces hospitalizations in acute asthma, 1

Weight loss in obese patients with asthma improved lung function and health status, 103

Atherosclerosis

Angioplasty was no better than medication for reducing blood pressure or slowing disease progression in renal artery stenosis, 92

Review: Aspirin lowers the risk for MI but not for stroke in persons who do not have established vascular disease, 90

Atrial fibrillation

Low-dose amiodarone was better than sotalol or propafenone for preventing first recurrence of atrial fibrillation, 88

Oral amiodarone was effective and safe for recent-onset atrial fibrillation, 44

Physiologic and ventricular pacing had similar rates of combined stroke and cardiovascular mortality, 89

Attention deficit disorder with hyperactivity

Review: Pharmacologic interventions are more effective than nonpharmacologic for attention-deficit hyperactivity disorder, 110 Autoimmune diseases

Review: Silicone breast implants do not increase the risk for connective-tissue diseases, 118

В

Back pain

Alendronate reduced days of bed rest and limited activity in postmenopausal women with osteoporosis and existing fractures, 14

Bacteremia

Review: Intravascular catheter-related infections can be prevented by using simple procedures, 96

Bed rest

Alendronate reduced days of bed rest and limited activity in postmenopausal women with osteoporosis and existing fractures, 14 Behavior therapy

Review: Long-term effectiveness of nondrug treatments for sleep problems in young children is more evident, 61

Bilirubin

Clinical examination could not accurately predict neonatal jaundice, 115

Biofeedback

Pelvic floor re-education reduced incontinence at 1 year after radical prostatectomy, 108

Birth weight

Review: Treatment-induced blood pressure reductions in pregnancy may be associated with decreased fetal growth, 42

Bladder, neurogenic

Review: Antimicrobial prophylaxis reduces asymptomatic bacteriuria in patients with neurogenic bladder, 21

Blood glucose

Low-dose rosiglitazone plus sulfonylurea was effective and safe for treating hyperglycemia in type 2 diabetes mellitus, 49

Bone density

Risedronate was effective and well tolerated in postmenopausal women with osteoporosis, 15

Bottle feeding

Risk for mother-to-child HIV-1 infection was increased by breastfeeding, 99

Bradycardia

Physiologic and ventricular pacing had similar rates of combined stroke and cardiovascular mortality, 89

Brain ischemia

Review: Calcium antagonists do not reduce death or dependency in acute ischemic stroke, 20

Breast feeding

Risk for mother-to-child HIV-1 infection was increased by breast-feeding, 99

Breast implants

Review: Silicone breast implants do not increase the risk for connective-tissue diseases, 118

Breast neoplasms

Review: High-quality studies do not show reductions in breast cancer mortality for women screened with mammography, 67 **Bronchitis** 

Review: Oral Haemophilus influenzae vaccination reduces the number and severity of recurrent bronchitis episodes, 2

Bronchoconstriction

Oral montelukast was better than inhaled salmeterol for reducing exercise-induced bronchoconstriction in adults with asthma, 3 Bronchoscopy

CT scanning before fiberoptic bronchoscopy improved the accuracy of bronchoscopy in suspected endobronchial carcinoma, 100

Budesonide

Inhaled budesonide and prednisone led to similar rates of asthma relapse after emergency department discharge, 51

(

Calcium channel blockers

Review: Calcium antagonists do not reduce death or dependency in acute ischemic stroke, 20

Captopril

Losartan did not improve survival more than did captopril but was better tolerated in symptomatic heart failure, 87

Cardiac pacing, artificial

Physiologic and ventricular pacing had similar rates of combined stroke and cardiovascular mortality, 89

Caregivers

Older adults who reported strain when caring for a spouse with disabilities had increased mortality, 37

Carotid stenosis

Patients with carotid artery stenosis had a high risk for stroke, and some types of stroke were not prevented by endarterectomy, 71

Review: Carotid endarterectomy for asymptomatic carotid stenosis does not reduce stroke or death, 48

Cataract

Routine testing before cataract surgery did not reduce medical adverse events, 60

Catheterization, central venous

Review: Intravascular catheter-related infections can be prevented by using simple procedures, 96

Catheters, indwelling

Review: Intravascular catheter-related infections can be prevented by using simple procedures, 96

Cerebrovascular accident

Intra-arterial recombinant prourokinase improved neurologic recovery in acute middle cerebral artery ischemic stroke, 19

More patients with acute ischemic stroke who received ancrod had good functional status at 3 months, 91

Patients with carotid artery stenosis had a high risk for stroke, and some types of stroke were not prevented by endarterectomy, 71

Physiologic and ventricular pacing had similar rates of combined stroke and cardiovascular mortality, 89

Recombinant tissue-type plasminogen activator at 3 to 5 hours after ischemic acute stroke onset was not effective or safe, 18

Review: Aspirin lowers the risk for MI but not for stroke in persons who do not have established vascular disease, 90

Review: Thienopyridines are more effective than aspirin for preventing vascular events in high-risk patients, 45

Cervical intraepithelial neoplasia

Review: The extended-tip spatula is more effective than the Ayre's spatula for detecting karyosis in cervical smears, 30

Review: Newer technologies improve sensitivity in detecting cervical lesions but at a substantially increased cost, 34 Child

Review: Long-term effectiveness of nondrug treatments for sleep problems in young children is more evident, 61

Tachypnea is a useful predictor of pneumonia in children with acute respiratory infection, 68

Chlorthalidone

Doxazosin was associated with more stroke and cardiovascular disease events than chlorthalidone in high-risk hypertension, 86

Cholangiography

Biliary scintiscan had high sensitivity and specificity for predicting pathologic findings in the common bile duct, 65

Cholelithiasis

Biliary scintiscan had high sensitivity and specificity for predicting pathologic findings in the common bile duct, 65

Chondroitir

Review: Glucosamine and chondroitin improve outcomes in osteoarthritis, but the magnitude of effect is unclear, 58

Chronic disease

Review: Antidepressants are effective for clinical improvement in unexplained physical symptoms and syndromes, 53

lisaprid

Cisapride was effective in the short term for constipation in children, 64

Review: Cisapride reduces overall and global symptoms in adults with nonulcer dyspepsia, but study quality is poor, 63

Cluster headache

Verapamil reduced attack frequency and the use of abortive agents in episodic cluster headache, 105

Colonic diseases, functional

Review: Antidepressive agents improve symptoms and reduce pain in patients with functional gastrointestinal disorders, 11

Community-acquired infections

A critical pathway reduced resource use without compromising safety and effectiveness in community-acquired pneumonia, 72

Constipation

Cisapride was effective in the short term for constipation in children, 64

Counseling

Brief physician advice to problem drinkers reduced alcohol intake and societal costs, 75

Critical illness

Review: Enteral immunonutrition reduces infection risk, days on ventilation, and hospital stay in critically ill patients, 9

Critical pathways

A critical pathway reduced resource use without compromising safety and effectiveness in community-acquired pneumonia, 72

Crohn disease

Review: Antimycobacterial therapy does not increase the rate of maintenance of remission in Crohn disease, 95

Cytology

Review: Newer technologies improve sensitivity in detecting cervical lesions but at a substantially increased cost, 34

D

Databases, bibliographic

PDQ Evidence-Based Principles and Practice (Resource Corner), A-16 (No. 3)

Defibrillators, implantable

The implantable cardioverter defibrillator did not reduce mortality in ventricular arrhythmia, 43

Depression

Feedback to physicians plus telephone care management improved outcomes in primary care patients with depression, 73

Hypericum extract was better than placebo and equivalent to imipramine for moderate depression, 12

Practice-based education did not increase recognition of depression by primary-care physicians nor improve the outcome of depression, 74

Review: Newer and older antidepressants have similar efficacy and total discontinuation rates but different side effects, 10

Developing countries

The need and means for evidence-based medicine in developing countries (Editorial), A-11-12 (No. 1)

Dextroamphetamine

Review: Pharmacologic interventions are more effective than nonpharmacologic for attention-deficit hyperactivity disorder, 110

Low-dose rosiglitazone plus sulfonylurea was effective and safe for treating hyperglycemia in type 2 diabetes mellitus, 49

Metformin plus rosiglitazone had more effective glycemic control than metformin alone in type 2 diabetes mellitus, 111

Neuropathic sensory symptoms did not accurately detect polyneuropathy in type 2 diabetes mellitus, 112

Review: Hyperglycemia after myocardial infarction increases the risk for death in patients with and without diabetes mellitus, 116

Review: Inadequate data exist on prevention and treatment strategies for foot ulcer in diabetes mellitus, 17

Diagnosis, differential

A new arrival: evidence about differential diagnosis (Editorial), A-11-12 (No. 3)

A simple algorithm improved physicians' diagnostic performance for patients presenting with syncope, 121

Diagnostic tests, routine

Routine testing before cataract surgery did not reduce medical adverse events, 60

Diarrhea

Lactobacillus GG reduced diarrhea incidence in children treated with antibiotics, 24

Low-volume, high-frequency cow's milk feedings sped recovery from diarrhea in infants, 23

Disease transmission, vertical

Risk for mother-to-child HIV-1 infection was increased by breast-feeding, 99

Doxazosin

Doxazosin was associated with more stroke and cardiovascular disease events than chlorthalidone in high-risk hypertension, 86 Drug therapy

Review: Long-term effectiveness of nondrug treatments for sleep problems in young children is more evident, 61

Dyspepsia

Review: Antidepressive agents improve symptoms and reduce pain in patients with functional gastrointestinal disorders, 11

Review: Cisapride reduces overall and global symptoms in adults with nonulcer dyspepsia, but study quality is poor, 63

I

Echocardiography/electrocardiography

A combination of tests done in general practice could assess the risk for left ventricular systolic dysfunction, 114 Endarterectomy, carotid

Review: Carotid endarterectomy for asymptomatic carotid stenosis does not reduce stroke or death, 48

Enteral nutrition

Review: Enteral immunonutrition reduces infection risk, days on ventilation, and hospital stay in critically ill patients, 9

Estrogen replacement therapy

Hormone replacement therapy was associated with increased venous thromboembolism and deep venous thrombosis, 106

Etidronote disodium, analogs and derivatives

Risedronate was effective and well tolerated in postmenopausal women with osteoporosis, 15

Evidence-based medicine

Bandolier (Resource Corner), A-15 (No. 2)

Best Evidence 4 (Resource Corner), A-15 (No. 3)

The need and means for evidence-based medicine in developing countries (Editorial), A-11-12 (No. 1)

PDQ Evidence-Based Principles and Practice (Resource Corner), A-16 (No. 3)

Exercise

Manual physical therapy and exercise improved function in osteoarthritis of the knee, 57

Review: Brief primary care interventions are moderately effective for increasing physical activity, 104

F

Feedback

Feedback to physicians plus telephone care management improved outcomes in primary care patients with depression, 73

Fibrinogen degration products

SimpliRED D-dimer assay did not rule out venous thromboembolism in the emergency department, 66

Fibrinolytic agents

More patients with acute ischemic stroke who received ancrod had good functional status at 3 months, 91

Fractures

Risedronate was effective and well tolerated in postmenopausal women with osteoporosis, 15

G

Glucosamine

Review: Glucosamine and chondroitin improve outcomes in osteoarthritis, but the magnitude of effect is unclear, 58

Goserelin

Antiandrogen therapy immediately after surgery for prostate cancer improved survival, 29

H

Haemophilus vaccines

Review: Oral *Haemophilus influenzae* vaccination reduces the number and severity of recurrent bronchitis episodes, 2

Health care costs

An advance directive program in nursing homes reduced health services utilization without affecting patient satisfaction, 85

was effective in disabling chronic lung disease, 52

Health services, utilization

An outpatient multidisciplinary pulmonary rehabilitation program

Heart failure, congestive

Controlled- and extended-release metoprolol reduced death, hospital admissions, and symptoms in chronic heart failure, 46

High-dose lisinopril was more effective than low-dose for reducing combined mortality and cardiovascular events in CHF, 4

Helicobacter infections

The near-patient test FlexSure had low sensitivity and high specificity for detecting *Helicobacter pylori* infection, 36

Heparin

Low-molecular-weight heparin reduced recurrent VTE in patients with pulmonary embolism and proximal DVT, 6

Review: Low-molecular-weight heparin reduces death but not recurrent VTE events, bleeding, or thrombocytopenia in VTE, 7 Hepatitis C, chronic

Ketoprofen given twice daily and interferon-α 2b increased and maintained response in chronic HCV-related liver disease, 55

Herpes zoster

Review: Early treatment of acute herpes zoster may prevent or shorten the duration of postherpetic neuralgia, 56

HIV infections

Efavirenz plus zidovudine and lamivudine was more effective than indinavir plus zidovudine and lamivudine in adults with HIV-1 infection, 22

Rifampin and pyrazinamide for 2 months prevented TB in patients with HIV infection who had a positive tuberculin test result, 94

Risk for mother-to-child HIV-1 infection was increased by breast-feeding, 99

HIV protease inhibitors

Efavirenz plus zidovudine and lamivudine was more effective than indinavir plus zidovudine and lamivudine in adults with HIV-1 infection, 22

Home nursing

Older adults who reported strain when caring for a spouse with disabilities had increased mortality, 37

Hospital mortality

Review: High-volume hospitals had lower hospital mortality rates than did low-volume hospitals for various procedures, 119

Hospitalization

Å critical pathway reduced resource use without compromising safety and effectiveness in community-acquired pneumonia, 72

House calls

Review: Evidence is unclear that preventive home visits for elderly persons in the community improve mortality or health outcomes, 59

Hyperglycemia

Review: Hyperglycemia after myocardial infarction increases the risk for death in patients with and without diabetes mellitus, 116

Hypericum extract

Hypericum extract was better than placebo and equivalent to imipramine for moderate depression, 12

Hypertension

Angioplasty was no better than medication for reducing blood pressure or slowing disease progression in renal artery stenosis, 92

Review: Isolated systolic hypertension increases mortality and morbidity in elderly persons and should be treated, 41

Review: Treatment-induced blood pressure reductions in pregnancy may be associated with decreased fetal growth, 42

Hypnotics and sedatives

Review: Quality of sedation in the ICU is similar for propofol and midazolam, but propofol shortens the time to extubation, 50 Hypoglycemic agents

Low-dose rosiglitazone plus sulfonylurea was effective and safe for treating hyperglycemia in type 2 diabetes mellitus, 49

Metformin plus rosiglitazone had more effective glycemic control than metformin alone in type 2 diabetes mellitus, 111

I

Imipramine

Hypericum extract was better than placebo and equivalent to imipramine for moderate depression, 12

Immune system

Review: Enteral immunonutrition reduces infection risk, days on ventilation, and hospital stay in critically ill patients, 9

Indinavir

Efavirenz plus zidovudine and lamivudine was more effective than indinavir plus zidovudine and lamivudine in adults with HIV-1 infection, 22

Infant

A respiratory rate of ≥ 60 breaths per minute had high sensitivity for detecting hypoxia in infants, 69

efection contro

Review: Intravascular catheter-related infections can be prevented by using simple procedures, 96

Infliximab

Infliximab at different doses was effective for rheumatoid arthritis after unsuccessful methotrexate treatment, 16

Injections

Local injection, naproxen, and simple analgesia led to similar 1year rates of symptom relief in lateral epicondylitis, 26

Review: Injection therapy is not better than placebo for relieving pain in benign chronic low-back pain, 27

Intensive care

Invasive diagnosis for ventilator-associated pneumonia reduced 14-day mortality and antibiotic use, 93

Review: Enteral immunonutrition reduces infection risk, days on ventilation, and hospital stay in critically ill patients, 9

Review: Quality of sedation in the ICU is similar for propofol and midazolam, but propofol shortens the time to extubation, 50 Interferon, α 2b

Ketoprofen given twice daily and interferon-α 2b increased and maintained response in chronic HCV-related liver disease, 55 Intractanial hemorrhages

Review: Aspirin lowers the risk for MI but not for stroke in persons who do not have established vascular disease, 90

Ipratropium

Review: Ipratropium bromide with β-agonists improves pulmonary function and reduces hospitalizations in acute asthma, 1

Tiotropium improved lung function more than did ipratropium in chronic obstructive pulmonary disease, 101

Isoniazid

Rifampin and pyrazinamide for 2 months prevented TB in patients with HIV infection who had a positive tuberculin test result, 94

I

**Jaundice** 

Biliary scintiscan had high sensitivity and specificity for predicting pathologic findings in the common bile duct, 65

Clinical examination could not accurately predict neonatal jaundice, 115

# K

Kava

Review: Kava extract reduces symptoms in adults with anxiety, 13 Ketoprofen

Ketoprofen given twice daily and interferon-α 2b increased and maintained response in chronic HCV-related liver disease, 55

#### I

Lactobacillus casei

Lactobacillus GG reduced diarrhea incidence in children treated with antibiotics, 24

Leukotriene antagonists

Oral montelukast was better than inhaled salmeterol for reducing exercise-induced bronchoconstriction in adults with asthma, 3

Lisinopril

High-dose lisinopril was more effective than low-dose for reducing combined mortality and cardiovascular events in CHF, 4

Low-back pain

Review: Injection therapy is not better than placebo for relieving pain in benign chronic low-back pain, 27

Lung diseases, obstructive

An outpatient multidisciplinary pulmonary rehabilitation program was effective in disabling chronic lung disease, 52

Tiotropium improved lung function more than did ipratropium in chronic obstructive pulmonary disease, 101

Lung neoplasms

CT scanning before fiberoptic bronchoscopy improved the accuracy of bronchoscopy in suspected endobronchial carcinoma, 100

# M

Malaria

Adding 3-dose artesunate to pyrimethamine-sulfadoxine reduced treatment failure in children with acute uncomplicated malaria, 98

Mammography

Review: High-quality studies do not show reductions in breast cancer mortality for women screened with mammography, 67 Maxillary sinusitis

Review: Diagnostic tests for bacterial rhinosinusitis have moderate accuracy; antibiotics reduce clinical failures, 31

Mental healing

Review: "Distant healing" is often effective for improving patient outcomes. 107

Metformin

Metformin plus rosiglitazone had more effective glycemic control than metformin alone in type 2 diabetes mellitus, 111

Methadone

Methadone maintenance was more effective for treatment retention of opioid dependence than was psychosocially enriched detoxification, 109

Methylphenidate

Review: Pharmacologic interventions are more effective than nonpharmacologic for attention-deficit hyperactivity disorder, 110 Methylprednisolone

Local injection, naproxen, and simple analgesia led to similar 1-year rates of symptom relief in lateral epicondylitis, 26

Metoprolo

Controlled- and extended-release metoprolol reduced death, hospital admissions, and symptoms in chronic heart failure, 46

Mill

Low-volume, high-frequency cow's milk feedings sped recovery from diarrhea in infants, 23

Mortality

Older adults who reported strain when caring for a spouse with disabilities had increased mortality, 37

Mycobacterium infections, atypical

Review: Antimycobacterial therapy does not increase the rate of maintenance of remission in Crohn disease, 95

Myocardial infarction

Eptifibatide was cost-effective in patients with unstable angina or non-Q-wave myocardial infarction, 76

Hospitalization for more than 3 days after thrombolysis for uncomplicated myocardial infarction was not cost-effective, 120

Losartan did not improve survival more than did captopril but was better tolerated in symptomatic heart failure, 87

Review: Hyperglycemia after myocardial infarction increases the risk for death in patients with and without diabetes mellitus, 116

# N

Naproxen

Local injection, naproxen, and simple analgesia led to similar 1-year rates of symptom relief in lateral epicondylitis, 26

Narcotics

Methadone maintenance was more effective for treatment retention of opioid dependence than was psychosocially enriched detoxification, 109

Neoplasm:

Review: Providing recordings or summaries of consultations may help patients with cancer, 28

Neuralgia

Review: Early treatment of acute herpes zoster may prevent or shorten the duration of postherpetic neuralgia, 56

Nursing homes

An advance directive program in nursing homes reduced health services utilization without affecting patient satisfaction, 85

### 0

Obesity

Weight loss in obese patients with asthma improved lung function and health status, 103

Opioid-related disorders

Methadone maintenance was more effective for treatment retention of opioid dependence than was psychosocially enriched detoxification, 109

Orchiectomy

Antiandrogen therapy immediately after surgery for prostate cancer improved survival, 29

Osteoarthritis

Manual physical therapy and exercise improved function in osteoarthritis of the knee, 57

Review: Glucosamine and chondroitin improve outcomes in osteoarthritis, but the magnitude of effect is unclear, 58

Osteoporosis, postmenopausal

Alendronate reduced days of bed rest and limited activity in postmenopausal women with osteoporosis and existing fractures, 14

Amoxicillin resolved otitis media symptoms in young children better than did placebo at day 4 but not at day 11, 62 Oxazines

Efavirenz plus zidovudine and lamivudine was more effective than indinavir plus zidovudine and lamivudine in adults with HIV-1 infection, 22

Oximes

Sibrafiban was more toxic than aspirin for prevention of cardiovascular events after acute coronary syndromes, 5

I

Pacifiers

Pacifiers have greater analgesic effect than sweet solutions during venipuncture in full-term newborns, 25

Pain

Review: Antidepressants are effective for clinical improvement in unexplained physical symptoms and syndromes, 53

Review: Injection therapy is not better than placebo for relieving pain in benign chronic low-back pain, 27

**Pancreatitis** 

Biliary scintiscan had high sensitivity and specificity for predicting pathologic findings in the common bile duct, 65

Patient discharge

Hospitalization for more than 3 days after thrombolysis for uncomplicated myocardial infarction was not cost-effective, 120 Patient education

An outpatient multidisciplinary pulmonary rehabilitation program was effective in disabling chronic lung disease, 52

Review: Brief primary care interventions are moderately effective for increasing physical activity, 104

Review: Inadequate data exist on prevention and treatment strategies for foot ulcer in diabetes mellitus, 17

Patient satisfaction

An advance directive program in nursing homes reduced health services utilization without affecting patient satisfaction, 85

Pelvic floor
Pelvic floor re-education reduced incontinence at 1 year after
radical prostatectomy, 108

Pemoline

Review: Pharmacologic interventions are more effective than nonpharmacologic for attention-deficit hyperactivity disorder, 110 Penicillins

Review: Twice-daily dosing of penicillin V is as effective as more frequent dosing for streptococcal tonsillopharyngitis, 97 Peptidyl-dipeptidase A

Losartan did not improve survival more than did captopril but was better tolerated in symptomatic heart failure, 87

Pharyngitis

Review: Twice-daily dosing of penicillin V is as effective as more frequent dosing for streptococcal tonsillopharyngitis, 97

Phlebotomy

Pacifiers have greater analgesic effect than sweet solutions during venipuncture in full-term newborns, 25

Physical examination

Clinical assessment of the reliability of the examination (CARE) (Editorial), A-11-12 (No. 2)

Physical fitness

Review: Brief primary care interventions are moderately effective for increasing physical activity, 104

Physical therapy

Manual physical therapy and exercise improved function in osteoarthritis of the knee, 57

Physician-patient relations

Review: Providing recordings or summaries of consultations may help patients with cancer, 28

Piperidines

Sibrafiban was more toxic than aspirin for prevention of cardiovascular events after acute coronary syndromes, 5

Platelet aggregation inhibitors

Eptifibatide was cost-effective in patients with unstable angina or non-Q-wave myocardial infarction, 76

Review: High- and moderate-dose oral anticoagulants reduce events in CAD but increase major bleeding and are no more effective than aspirin, 8

Platelet glycoprotein GPIIb-IIIa complex

Eptifibatide was cost-effective in patients with unstable angina or non-Q-wave myocardial infarction, 76

Sibrafiban was more toxic than aspirin for prevention of cardiovascular events after acute coronary syndromes, 5

Pneumonia

A critical pathway reduced resource use without compromising safety and effectiveness in community-acquired pneumonia, 72 Invasive diagnosis for ventilator-associated pneumonia reduced

14-day mortality and antibiotic use, 93
Tachypnea is a useful predictor of pneumonia in children with acute respiratory infection, 68

Postmenopausal osteoporosis

Risedronate was effective and well tolerated in postmenopausal women with osteoporosis, 15

Postoperative complications

Routine testing before cataract surgery did not reduce medical adverse events, 60

Practice guideline

Practice-based education did not increase recognition of depression by primary-care physicians nor improve the outcome of depression, 74

Prednisone

Inhaled budesonide and prednisone led to similar rates of asthma relapse after emergency department discharge, 51

Pregnancy complications, cardiovascular

Review: Treatment-induced blood pressure reductions in pregnancy may be associated with decreased fetal growth, 42

Preoperative care

Routine testing before cataract surgery did not reduce medical adverse events, 60

Primary health care

Practice-based education did not increase recognition of depression by primary-care physicians nor improve the outcome of depression, 74

Review: Brief primary care interventions are moderately effective for increasing physical activity, 104

ropafenone

Low-dose amiodarone was better than sotalol or propafenone for preventing first recurrence of atrial fibrillation, 88

Prostatectomy

Pelvic floor re-education reduced incontinence at 1 year after radical prostatectomy, 108

Prostatic neoplasms

Antiandrogen therapy immediately after surgery for prostate cancer improved survival, 29

Pulmonary embolism

Hormone replacement therapy was associated with increased venous thromboembolism and deep venous thrombosis, 106

Low-molecular-weight heparin reduced recurrent VTE in patients with pulmonary embolism and proximal DVT, 6

Review: Helical computed tomography for suspected pulmonary embolism needs further evaluation, 32-33

Review: Low-molecular-weight heparin reduces death but not recurrent VTE events, bleeding, or thrombocytopenia in VTE, 7 SimpliRED D-dimer assay did not rule out venous thromboembolism in the emergency department, 66

Pyrimethamine

Adding 3-dose artesunate to pyrimethamine-sulfadoxine reduced treatment failure in children with acute uncomplicated malaria, 98

# Q

Quality indicators

Review: High-volume hospitals had lower hospital mortality rates than did low-volume hospitals for various procedures, 119

Oral montelukast was better than inhaled salmeterol for reducing exercise-induced bronchoconstriction in adults with asthma, 3

### R

Reagent strips

The Uriscreen test was not better than standard urinalysis and dipstick tests for detecting urinary tract infection in children, 35 Recombinant proteins

Intra-arterial recombinant prourokinase improved neurologic recovery in acute middle cerebral artery ischemic stroke, 19

Referral and consultation Review: High-volume hospitals had lower hospital mortality rates

Review: High-volume hospitals had lower hospital mortality rate than did low-volume hospitals for various procedures, 119 Religion

Review: "Distant healing" is often effective for improving patient outcomes, 107

Renal artery obstruction

Angioplasty was no better than medication for reducing blood pressure or slowing disease progression in renal artery stenosis, 92 Respiration disorders

A respiratory rate of ≥ 60 breaths per minute had high sensitivity for detecting hypoxia in infants, 69

Respiration, artificial

Review: Quality of sedation in the ICU is similar for propofol and midazolam, but propofol shortens the time to extubation, 50 Reverse transcriptase inhibitors

Efavirenz plus zidovudine and lamivudine was more effective than indinavir plus zidovudine and lamivudine in adults with HIV-1 infection, 22

Rheumatic diseases

Review: Silicone breast implants do not increase the risk for connective-tissue diseases, 118

Riluzole

Review: Riluzole increases 12-month survival in amyotrophic lateral sclerosis, 54

### S

Sarcoidosis, pulmonary

Review: Oral but not inhaled corticosteroids improve radiographic outcomes in patients with pulmonary sarcoidosis, 102

Sex factors

Women with unstable angina received fewer cardiac procedures than did men but were less likely to develop other cardiac events, 70

Signs and symptoms

Clinical assessment of the reliability of the examination (CARE) (Editorial), A-11-12 (No. 2)

Sleep disorders

Review: Long-term effectiveness of nondrug treatments for sleep problems in young children is more evident, 61

Social support

Methadone maintenance was more effective for treatment retention of opioid dependence than was psychosocially enriched detoxification, 109

Soralo

Low-dose amiodarone was better than sotalol or propafenone for preventing first recurrence of atrial fibrillation, 88

Spinal cord diseases

Review: Antimicrobial prophylaxis reduces asymptomatic bacteriuria in patients with neurogenic bladder, 21

Spouses

Older adults who reported strain when caring for a spouse with disabilities had increased mortality, 37

Stress, psychological

Older adults who reported strain when caring for a spouse with disabilities had increased mortality, 37

Surgical procedures, operative

A-11-12 (No. 3)

Review: High-volume hospitals had lower hospital mortality rates than did low-volume hospitals for various procedures, 119

ncope
A new arrival: evidence about differential diagnosis (Editorial),

A simple algorithm improved diagnostic performance for patients presenting with syncope, 121

Syndrome

Review: Antidepressants are effective for clinical improvement in unexplained physical symptoms and syndromes, 53

# T

Tachycardia, ventricular

The implantable cardioverter defibrillator did not reduce mortality in ventricular arrhythmia, 43

Tape recording

Review: Providing recordings or summaries of consultations may help patients with cancer, 28

Telephon

Feedback to physicians plus telephone care management improved outcomes in primary care patients with depression, 73

Tennis elbow

Local injection, naproxen, and simple analgesia led to similar 1-year rates of symptom relief in lateral epicondylitis, 26

Therapeutic touch

Review: "Distant healing" is often effective for improving patient outcomes, 107

Thiazoles

Low-dose rosiglitazone plus sulfonylurea was effective and safe for treating hyperglycemia in type 2 diabetes mellitus, 49 Metformin plus rosiglitazone had more effective glycemic control than metformin alone in type 2 diabetes mellitus, 111

Thiophenes

Review: Thienopyridines are more effective than aspirin for preventing vascular events in high-risk patients, 45

Thromboembolism

The recurrence rate of venous thromboembolism after a first or second episode of deep venous thrombosis was high, 117

Thrombolytic therapy

Intra-arterial recombinant prourokinase improved neurologic recovery in acute middle cerebral artery ischemic stroke, 19 Recombinant tissue-type plasminogen activator at 3 to 5 hours after ischemic acute stroke onset was not effective or safe, 18

Ticlopidine

Review: Thienopyridines are more effective than aspirin for preventing vascular events in high-risk patients, 45

Tiotropium

Tiotropium improved lung function more than did ipratropium in chronic obstructive pulmonary disease, 101

Tissue plasminogen activator

Recombinant tissue-type plasminogen activator at 3 to 5 hours after ischemic acute stroke onset was not effective or safe, 18

Tomography, x-ray computed CT scanning before fiberoptic bronchoscopy improved the accuracy of bronchoscopy in suspected endobronchial carcinoma, 100

Review: Helical computed tomography for suspected pulmonary embolism needs further evaluation, 32-33

Tonsillitis

Review: Twice-daily dosing of penicillin V is as effective as more frequent dosing for streptococcal tonsillopharyngitis, 97 Trichomonas infections

Review: Papanicolaou and wet-mount smears have low sensitivity but high specificity for detecting vaginal trichomoniasis, 113

U

Upper respiratory tract infections

Review: Diagnostic tests for bacterial rhinosinusitis have moderate accuracy; antibiotics reduce clinical failures, 31

Urinalysis

The Uriscreen test was not better than standard urinalysis and dipstick tests for detecting urinary tract infection in children, 35 Urinary incontinence

Pelvic floor re-education reduced incontinence at 1 year after radical prostatectomy, 108

Urinary plasminogen activator

Intra-arterial recombinant prourokinase improved neurologic recovery in acute middle cerebral artery ischemic stroke, 19

Urinary tract infections

Review: Antimicrobial prophylaxis reduces asymptomatic bacteriuria in patients with neurogenic bladder, 21

The Uriscreen test was not better than standard urinalysis and dipstick tests for detecting urinary tract infection in children, 35

V

Vaginal smears

Review: The extended-tip spatula is more effective than the Ayre's spatula for detecting karyosis in cervical smears, 30

Review: Newer technologies improve sensitivity in detecting cervical lesions but at a substantially increased cost, 34

Review: Papanicolaou and wet-mount smears have low sensitivity but high specificity for detecting vaginal trichomoniasis, 113 Venous thrombosis

Hormone replacement therapy was associated with increased venous thromboembolism and deep venous thrombosis, 106

Low-molecular-weight heparin reduced recurrent VTE in patients with pulmonary embolism and proximal DVT, 6

The recurrence rate of venous thromboembolism after a first or second episode of deep venous thrombosis was high, 117

Review: Helical computed tomography for suspected pulmonary embolism needs further evaluation, 32-33

Review: Low-molecular-weight heparin reduces death but not recurrent VTE events, bleeding, or thrombocytopenia in VTE, 7

SimpliRED D-dimer assay did not rule out venous thromboembolism in the emergency department, 66

Ventilators, mechanical

Invasive diagnosis for ventilator-associated pneumonia reduced 14-day mortality and antibiotic use, 93

Ventricular dysfunction, left

A combination of tests done in general practice could assess the risk for left ventricular systolic dysfunction, 114

Verapamil

Verapamil reduced attack frequency and the use of abortive agents in episodic cluster headache, 105

Vitamin E

Vitamin E did not reduce myocardial infarction, death, or stroke in adults at high risk for cardiovascular events, 47

W

Weight los

Weight loss in obese patients with asthma improved lung function and health status, 103

